

TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES

BAO et al.

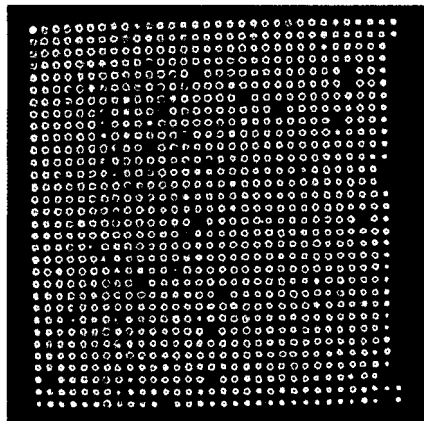
10/729,619 (24C02.1-191)

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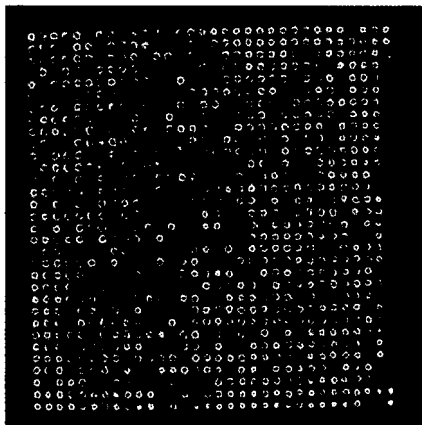
**Fig. 1A**

Before Pre-hyb



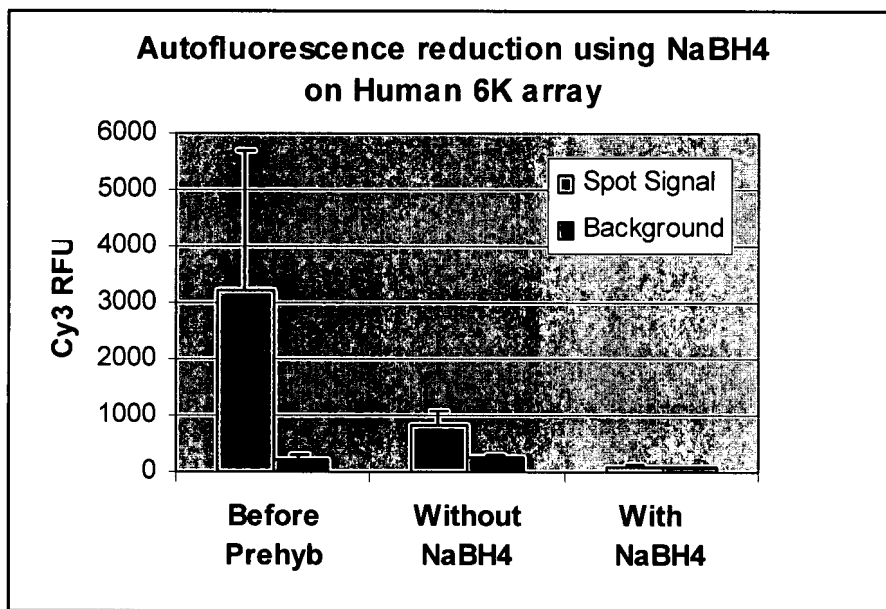
**Fig. 1B**

Post pre-hybe w/o NaBH<sub>4</sub>



**Fig. 1C**

Post pre-hybe w/ NaBH<sub>4</sub>



**Fig. 2**

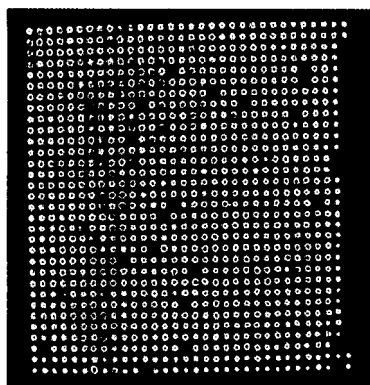
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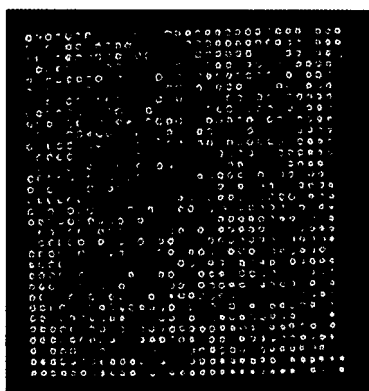
**10/729,619 (24C02.1-191)**

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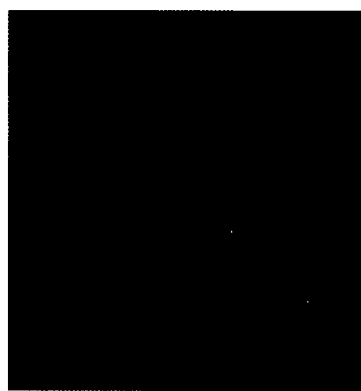
**Before Pre-hyb**



**Post pre-hybe w/o NaBH4**



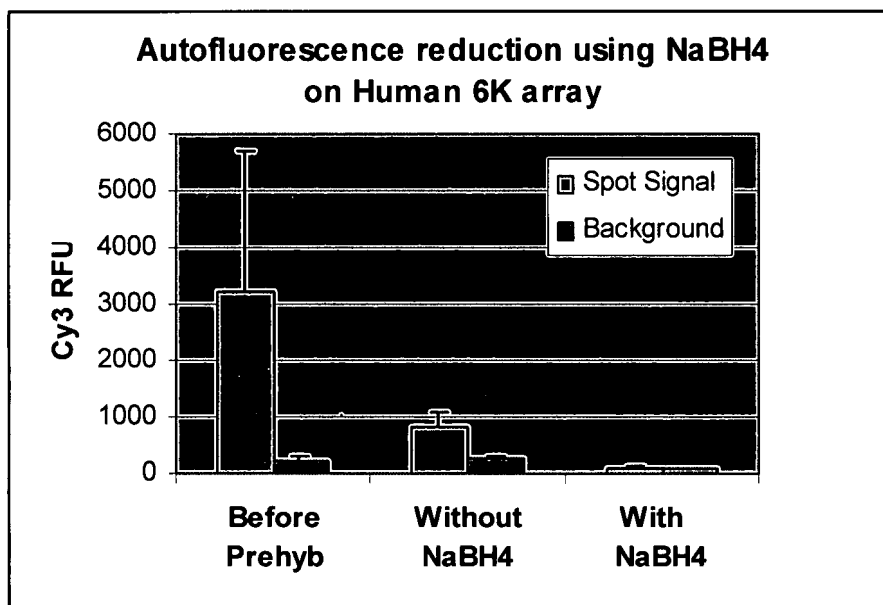
**Post pre-hybe w/ NaBH4**



**Fig. 3A**

**Fig. 3B**

**Fig. 3C**



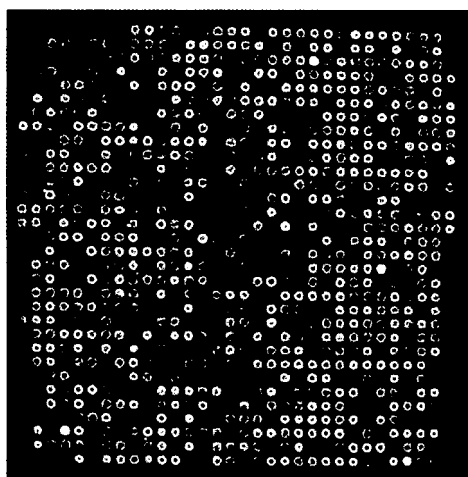
**Fig. 4**

TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES

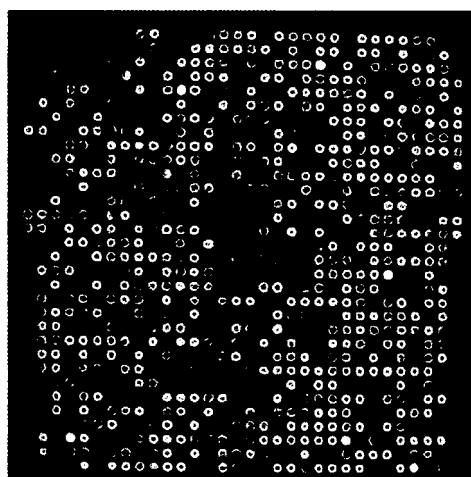
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Without NaBH4 Treatment



With NaBH4 Treatment

Fig. 5A

Fig. 5B

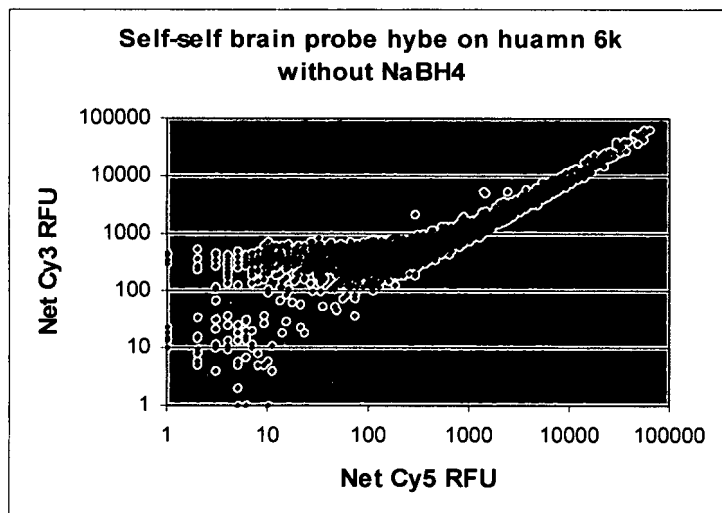


Fig. 6A

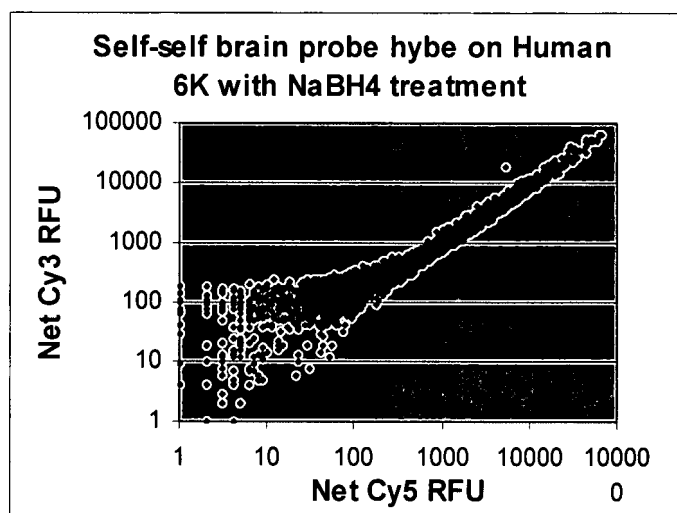
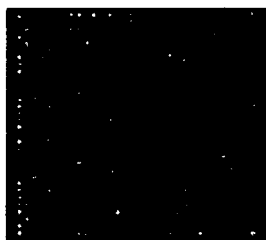
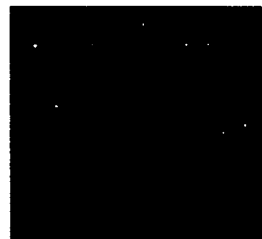


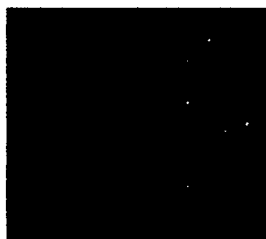
Fig. 6B



**Fig. 7A**



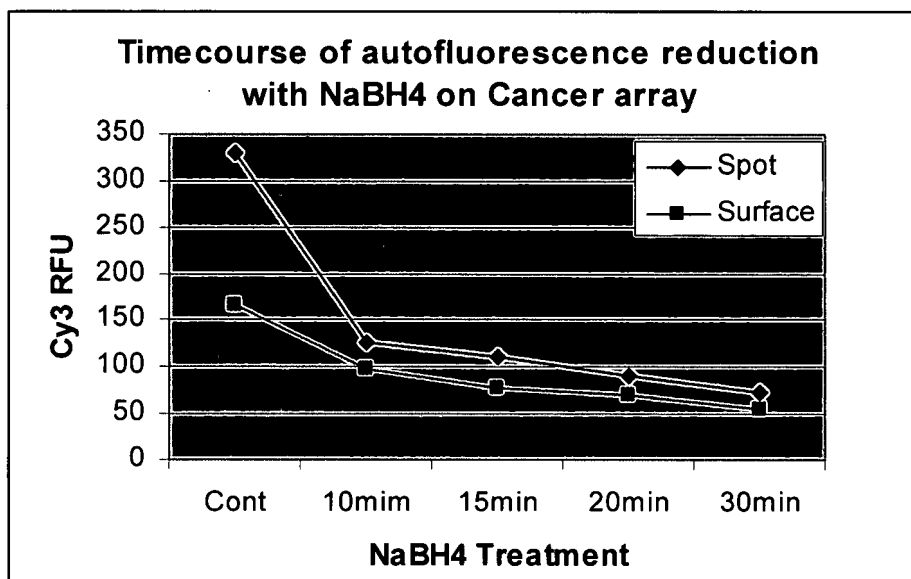
**Fig. 7B**



**Fig. 7C**



**Fig. 7D**



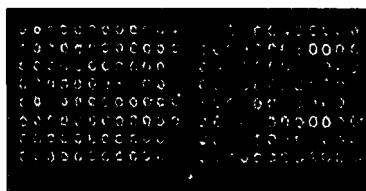
**Fig. 8**

TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES

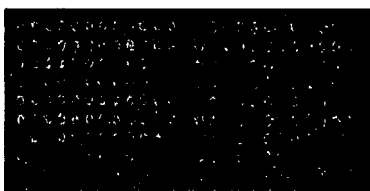
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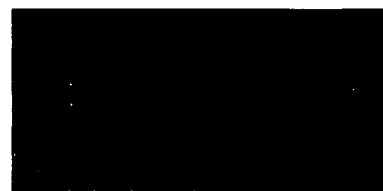
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**Fig. 9A**



**Fig. 9B**



**Fig. 9C**

Before Pre-hyb



**Fig 10A**

Post pre-hybe  
w/o NaBH4



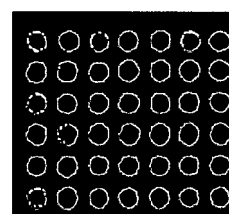
**Fig. 10B**

Post pre-hybe  
w/ NaBH4

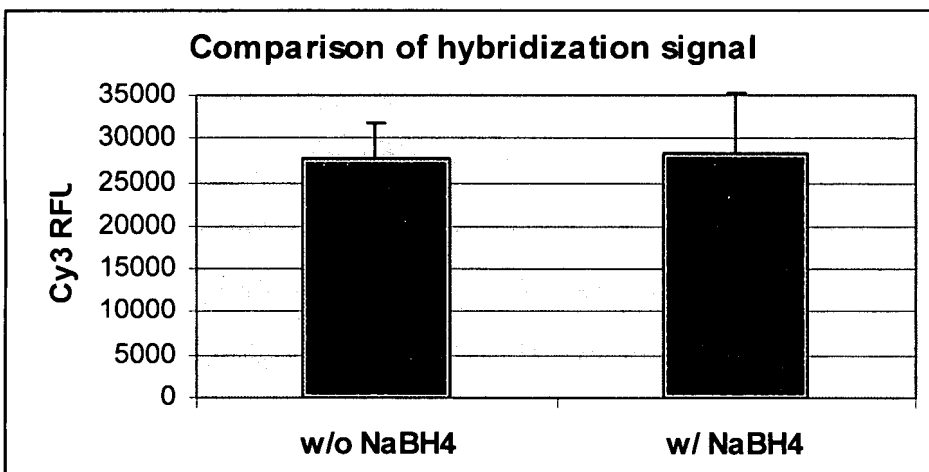


**Fig. 10C**

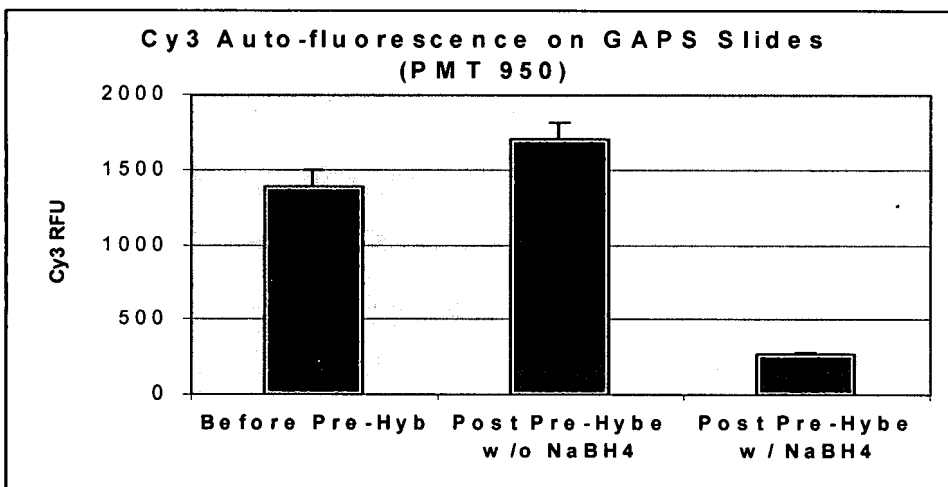
NaBH4 Treated GAPS Slide  
arraying and hybe



**Fig. 10D**



**Fig. 11A**



**Fig. 11B**